

scale. Blast clean to National Association of Corrosion Engineers (NACE) Near White where possible. Grease, oil, etc., shall be removed with suitable solvents. The cleaned surface shall be coated before oxidation occurs.

- (b) **Mixing.** Mix ratio of Part A to Part B shall be as recommended by the manufacturer. The two parts shall be thoroughly mixed until a uniform color is achieved. If thinning is required, each part shall be thinned separately with thinner recommended by the manufacturer. Material not used within the pot life recommended by the manufacturer shall be discarded.

465.03.01 Material Precautions. The manufacturer’s Material Safety Data shall be used in handling and use of this material.

465.04 MEASUREMENT AND PAYMENT. Fusion bonded powder coatings for metal will not be measured but the cost will be incidental to the pertinent items specified in the Contract Documents.

SECTION 466 THRU 468 — RESERVED

SECTION 469 — POROUS BACKFILL

469.01 DESCRIPTION. This work shall consist of furnishing and placing of porous backfill material, reinforced concrete base and pipe drains at the rear of abutments, wing walls, retaining walls, and other locations as specified in the Contract Documents or as directed by the Engineer.

469.02 MATERIALS.

Porous Backfill, Size No. 57, Aggregate	901.01
Concrete Mix No. 1	902.10
Pipe Drains	905
Reinforcement Steel	908.01
Geotextile, Class as specified	921.09

469.03 CONSTRUCTION. Porous backfill material shall be placed in layers in conjunction with the adjacent fill. Any fill material removed for placing the porous backfill material shall be at no additional cost to the Administration. When a form is used between the porous backfill material and the earth backfill, the form shall be completely removed from the completed fill.

Concrete base shall be sloped to drain to points of discharge.

469.04 MEASUREMENT AND PAYMENT. Porous backfill will not be measured but will be paid for at the Contract lump sum price for the pertinent Porous Backfill item. The payment will be full compensation for all excavation, concrete, reinforcement, geotextiles, drains, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

If no item for porous backfill appears in the Contract Documents, the work will not be measured but the cost will be incidental to other items specified in the Contract Documents.

SECTION 470 THRU 494 — RESERVED

SECTION 495 — APPLICATION OF BRIDGE/STRUCTURE NUMBERS

495.01 DESCRIPTION. This work shall consist of applying Bridge/Structure Numbers to all completed structures.

495.02 MATERIALS. The paint shall be suitable for the particular application and shall be selected by the Contractor subject to the approval of the Engineer.

495.03 CONSTRUCTION. The Bridge/Structure Number shall be applied to the bridge/structure as a last order of work. The size, location, etc., shall conform to the pertinent details included in the Contract Documents. All work shall be done in a neat workmanlike manner with sharp edges differentiating between all coatings and the previous substrate. Surfaces shall be properly prepared in conformance with the paint manufacturer's recommendations. Paint shall not be applied to wet or moist surfaces.

On rehabilitation projects the Bridge/Structure Number shall be repainted if it is faded, removed, or otherwise deemed necessary by the Engineer.

495.04 MEASUREMENT AND PAYMENT. Application of Bridge/Structure Numbers will not be measured but the cost will be incidental to the pertinent items specified in the Contract Documents.